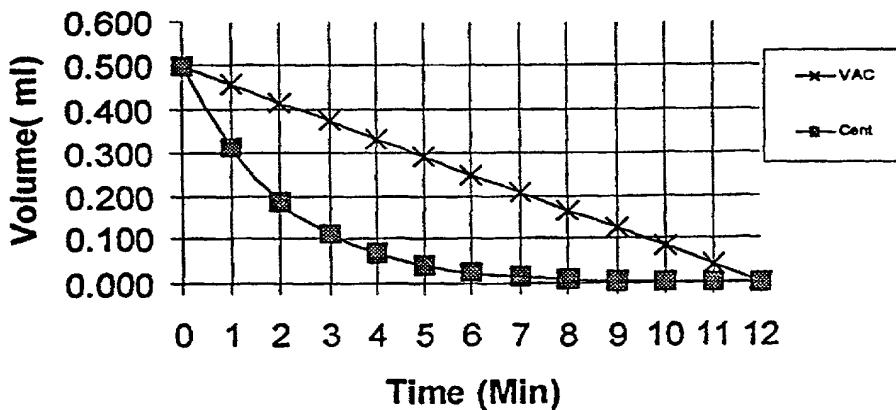


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(54) Title: METHOD OF ULTRAFILTRATION

UF Throughput(Vac.=12psi,Cent.=2000g,Flux=.016ml/min/cm²/psi,Area=.034 in²)

(57) Abstract

A process for ultrafiltration using constant pressure differential as the driving force is disclosed. This process is particularly suited for use in concentrating or purifying proteins and/or nucleic acids, often without any need for one or more diafiltration steps. The process is particularly suited for small volume applications, such as small concentrator devices and multiple well plates that typically use starting volumes of liquids of less than about 500 microliters. The steps include adding a liquid volume above an ultrafiltration membrane and applying a constant pressure differential at a force and length of time to achieve the desired concentration on the upstream side of the membrane. The concentrate is then diluted or removed for further processing.